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**FOURTH**  
**INFORMATION DISCLOSURE**  
**STATEMENT BY APPLICANT**  
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|                      |                          |
|----------------------|--------------------------|
| Application Number   | 10/534,231               |
| Filing Date          | May 6, 2005              |
| First Named Inventor | Christian Bonetto et al. |
| Examiner Name        | PAUL D MARCANTONI        |
| Attorney Docket No.  | 1034296-000027           |

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## U.S. PATENT DOCUMENTS

| Examiner Initials | Document Number | Kind Code (if known) | Name of Patentee or Applicant of Cited Document | Issue/Publication Date (MM-DD-YYYY) |
|-------------------|-----------------|----------------------|---|-------------------------------------|
| /P.M./            | 1,439,289       |                      | Buttress  | 12-19-22                            |
|                   | 1,993,472       |                      | Borsari-Fischer                                 | 03-05-35                            |
|                   | 2,109,719       |                      | Brusse  | 03-01-38                            |
|                   | 2,205,423       |                      | Lefebure  | 06-25-40                            |
|                   | 2,754,795       |                      | Enssle  | 07-17-56                            |
|                   | 2,770,216       |                      | Schock  | 11-13-56                            |
|                   | 2,833,139       |                      | Bosshard  | 05-06-58                            |
|                   | 2,925,631       |                      | Larson et al.                                   | 02-23-60                            |
|                   | 3,003,979       |                      | Plasienski et al.                               | 10-10-61                            |
|                   | 3,180,058       |                      | Tillisch et al.                                 | 04-27-65                            |
|                   | 3,256,223       |                      | Heijmer   | 06-14-66                            |
|                   | 3,284,980       |                      | Dinkel  | 11-15-66                            |
|                   | 3,382,119       |                      | Henkel  | 05-07-68                            |
|                   | 3,411,926       |                      | Gogek et al.                                    | 11-19-68                            |
|                   | 3,422,587       |                      | Murray  | 01-21-69                            |
|                   | 3,576,091       |                      | Shull, Jr. et al.                               | 04-27-71                            |
|                   | 3,708,935       |                      | Kossuth et al.                                  | 01-09-73                            |
|                   | 3,819,395       |                      | Yocum   | 06-25-74                            |
|                   | 3,835,074       |                      | Desmarais                                       | 09-10-74                            |
|                   | 3,907,725       |                      | Forte et al.                                    | 09-23-75                            |
|                   | 3,975,320       |                      | Lane et al.                                     | 08-17-76                            |
|                   | 3,984,596       |                      | Failmezger                                      | 10-05-76                            |
|                   | 4,117,183       |                      | Long  | 09-26-78                            |
|                   | 4,205,041       |                      | Hymes   | 05-27-80                            |
|                   | 4,238,239       |                      | Brown   | 12-09-80                            |
|                   | 4,287,103       |                      | Francis et al.                                  | 09-01-81                            |
|                   | 4,294,622       |                      | Brown   | 10-13-81                            |
|                   | 4,448,639       |                      | Long  | 05-15-84                            |
|                   | 4,454,267       |                      | Williams  | 06-12-84                            |
|                   | 4,558,079       |                      | Desmarais                                       | 12-10-85                            |
|                   | 4,579,610       |                      | Kole et al.                                     | 04-01-86                            |
|                   | 4,657,594       |                      | Struss  | 04-14-87                            |
|                   | 4,661,164       |                      | Severinghaus, Jr.                               | 04-28-87                            |
|                   | 4,672,787       |                      | Murphy  | 06-16-87                            |
|                   | 4,686,253       |                      | Struss et al.                                   | 08-11-87                            |
|                   | 4,725,477       |                      | Kole et al.                                     | 02-16-88                            |
|                   | 4,743,475       |                      | Negri et al.                                    | 05-10-88                            |
|                   | 4,820,754       |                      | Negri et al.                                    | 04-11-89                            |
|                   | 4,845,152       |                      | Palmer  | 07-04-89                            |
|                   | 4,959,272       |                      | Long  | 09-25-90                            |
|                   | 4,965,031       |                      | Conroy  | 10-23-90                            |
|                   | 4,972,013       |                      | Koltisko et al.                                 | 11-20-90                            |
|                   | 4,988,543       |                      | Houle et al.                                    | 01-29-91                            |
|                   | 5,019,195       |                      | Skinner   | 05-28-91                            |

|                    |                   |                 |            |
|--------------------|-------------------|-----------------|------------|
| Examiner Signature | /Paul Marcantoni/ | Date Considered | 06/03/2008 |
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|        |              |                  |          |
|--------|--------------|------------------|----------|
| /P.M./ | 5,039,341    | Meyer            | 08-13-91 |
|        | 5,055,323    | Kole et al.      | 10-08-91 |
|        | 5,079,042    | Frings           | 01-07-92 |
|        | 5,088,260    | Barton et al.    | 02-18-92 |
|        | 5,102,462    | Podlas           | 04-07-92 |
|        | 5,143,757    | Skinner          | 09-01-92 |
|        | 5,207,830    | Cowan et al.     | 05-04-93 |
|        | 5,230,200    | Douglas et al.   | 07-27-93 |
|        | 5,258,069    | Knechtel et al.  | 11-02-93 |
|        | 5,334,243    | Hyman            | 08-02-94 |
|        | 5,336,318    | Attard et al.    | 08-09-94 |
|        | 5,487,250    | Yount et al.     | 01-30-96 |
|        | 5,714,032    | Ainsley et al.   | 02-03-98 |
|        | 5,746,822    | Espinoza et al.  | 05-05-98 |
|        | 5,908,521    | Ainsley et al.   | 06-01-99 |
|        | 5,908,821    | Labeque et al.   | 06-01-99 |
|        | 5,922,447    | Baig             | 07-13-99 |
|        | 5,945,198    | Deodhar et al.   | 08-31-99 |
|        | 5,987,835    | Santarossa       | 11-23-99 |
|        | 6,077,966    | Matsumura et al. | 06-20-00 |
|        | 6,105,325    | Zuber et al.     | 08-22-00 |
|        | 6,106,607    | Be et al.        | 08-22-00 |
|        | 6,165,261    | Wantling         | 12-26-00 |
|        | 6,171,388    | Jobbins          | 01-09-01 |
|        | 6,177,180    | Bodine et al.    | 01-23-01 |
|        | 6,221,521    | Lynn et al.      | 04-24-01 |
|        | 6,238,476    | Sprinkle         | 05-29-01 |
|        | 6,268,042    | Baig             | 07-31-01 |
|        | 6,436,185    | Ayambem et al.   | 08-20-02 |
|        | 6,645,291    | Ayambem et al.   | 11-11-03 |
|        | 6,663,979    | Deodhar et al.   | 12-16-03 |
|        | 6,673,144    | Immordino et al. | 01-06-04 |
|        | 7,047,701    | Bonetto et al.   | 05-23-06 |
|        | 2002/0086114 | Madsen           | 07-04-02 |
|        | 2003/0084633 | Zuber et al.     | 05-08-03 |
|        | 2003/0085306 | John et al.      | 05-08-03 |
|        | 2003/0113572 | Deodhar et al.   | 06-19-03 |
|        | 2003/0153651 | Bonetto et al.   | 06-01-99 |
|        | 2004/0154264 | Colbert          | 08-12-04 |
|        | 2004/0216424 | Zuber et al.     | 11-04-04 |
|        | 2004/0237436 | Zuber et al.     | 12-02-04 |
|        | 2005/0229519 | Colbert et al.   | 10-20-05 |
|        | 2005/0234174 | Colbert et al.   | 10-20-05 |
|        | 2005/0246993 | Colbert et al.   | 11-10-05 |
|        | 2006/0048684 | Bonetto et al.   | 03-09-06 |

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|----------------------|--------------------|-------------------------|-----------|--|-------------|------------------------|-----------------------|------------------|------|----------|---------------|
|                      |                    |                         |           |  | Translation | Partial<br>Translation | Eng. Lang.<br>Summary | Search<br>Report | IPER | Abstract | Cited in Spec |
| /P.M./               | 1513763            |                         | UK        | 06-07-78                               |             |                        |                       |                  |      |          |               |
|                      | 2 505 908          |                         | France    | 03-13-82                               |             |                        |                       |                  |      |          |               |
|                      | 60-065197          |                         | Japan     | 04-13-85                               |             |                        |                       |                  |      |          |               |
|                      | 37 21 668          |                         | Germany   | 05-01-89                               |             |                        |                       |                  |      |          |               |
|                      | 19322/92           |                         | Australia | 01-07-93                               |             |                        |                       |                  |      |          |               |
|                      | 4331141            |                         | Germany   | 03-16-95                               |             |                        |                       |                  |      |          |               |
|                      | 2 736 079          |                         | France    | 03-01-97                               |             |                        |                       |                  |      |          |               |
|                      | 09-109131          |                         | Japan     | 04-28-97                               |             |                        |                       |                  |      |          |               |
|                      | 97/02395           |                         | WIPO      | 01-23-97                               |             |                        |                       |                  |      |          |               |
|                      | 99/57371           |                         | WIPO      | 11-11-99                               |             |                        |                       |                  |      |          |               |
|                      | 2,259,115          |                         | Canada    | 08-03-99                               |             |                        |                       |                  |      |          |               |
|                      | 719427             |                         | Australia | 05-11-00                               |             |                        |                       |                  |      |          |               |
|                      | 02/12144           |                         | WIPO      | 02-14-02                               |             |                        |                       |                  |      |          |               |
|                      | 02/058902          |                         | WIPO      | 08-01-02                               |             |                        |                       |                  |      |          |               |
|                      | 05/040475          |                         | WIPO      | 05-06-05                               |             |                        |                       |                  |      |          |               |
|                      | 142 872            |                         | Germany   | 07-16-80                               |             |                        |                       |                  |      |          |               |
|                      | 00/06518           |                         | WIPO      | 02-10-00                               |             |                        |                       |                  |      |          |               |
|                      | 99/08979           |                         | WIPO      | 02-25-99                               |             |                        |                       |                  |      |          |               |
|                      | 0 521 804          |                         | Europe    | 01-07-93                               |             |                        |                       |                  |      |          |               |

## NON-PATENT LITERATURE DOCUMENTS

| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|-------------------|---|
| /P.M./            | J.R. Gorman, et al., "Plaster and Drywall Systems Manual," BNI Books, Division of Building News, Inc., April 12, 2003, pages 240 and 251  |
| /P.M./            | The White Book 1986 Edition, British Gypsum, April 12, 2003   |
| /P.M./            | The White Book, Plasterboard Fixing, Jointing and Decorating, British Gypsum, April 12, 2003  |
| /P.M./            | G.D. Plumb, M.A., Lightweight Partitions Having Improved Low Frequency Sound Insulations, Research and Development Department, 10 pages, June 1995  |
| /P.M./            | #9 White, Medium Calcium Carbonate Filler, Georgia Marble Company, May 1996   |
| /P.M./            | Norme Francaise, Methode de Determination d'absorption d'eau, NF Q 03-014, September 1985, pages 103-108  |

|                    |                   |                 |            |
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|-------------------|---|
| /P.M./            | Water Absorbency of Bibulous Papers, T 432 om - 94, Approved by the Chemical Properties Committee of the Process and Product Quality Division, 1994   |
|                   | A Marquer D'Une Pierre Blanche..., 11 pages   |
|                   | Pregyplac Deco la nouvelle plaque blanche, Lafarge Plâtres, July 1995   |
|                   | Gypsum Plasterboards, March 1995, 30 pages  |
|                   | Plaques de Plâtre - Définitions, Exigences et Methodes d'essai, October 2000, 27 pages  |
|                   | Papier, Cartons et Pates, Norme Europeenne, December 1993, 10 pages   |
|                   | Ken A. Phillips, et al., Industrial Minerals in Arizona's Wallboard Joint Cement Industry, July 1989, 6 pages   |
|                   | Ken Phillips, et al., Industrial Minerals in Southern California's Wallboard Joint Cement Industry, September 1989, 6 pages   |
|                   | Plaques de Parement en Plâtre, October 1981, 12 pages   |
|                   | Gypsum Plasterboard - Part 1: Specification for Plasterboard Excluding Material Submitted to Secondary Operations, 1985, 10 pages   |
|                   | Travaux de Peinture des Batiments, Partie 1: Cahier des Clauses Techniques, 77 pages, 1994  |
|                   | Dry Lining and Partitioning Using Gypsum Plasterboard, British Standard, 1995, 50 pages   |
|                   | Sauli Rennes, et al., The Influence of Binders on the Structure and Water Sorption of Coated Paper, pages 698-703, June 1989  |
|                   | Technical Data, Calmote Ad, Omya UK, January 1997   |
|                   | Attagel 50, Engelhard, January 3, 2003  |
|                   | Engelhard Material Safety Data Sheet, Lawrence Industries, August 19, 1992  |
|                   | Fordamin Stinnes Logistics, Fordacal S2 Talc, March 2001  |
|                   | Defoamers for Emulsion Paints and Emulsion Plasters, BYK Chemie, 4 pages  |
|                   | 4 Walocel M Delivery Programme  |
|                   | Emultex 596, Synthomer International Technology Individual Service, July 2002   |
|                   | Sil-Cell 35/34, Silbrico Corporation, 2 pages, 1993   |
|                   | Methocel Cellulose Ethers for Gypsum-Based Building Materials, How Methocel Cellulose Ethers Products Maximise the Performance of Gypsum-based Building Materials, August 1999  |
|                   | Elotex LIQ2020, Technical Data Sheet, March 14, 2002  |
| ↓                 | Twinstar Chemicals Limited, Benzoflex 9-88 Plasticiser Dipropyleneglycol Dibenzate, 5 pages, June 1996  |

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|-------------------|---|
| /P.M./            | "ACUMER® 9400 – DISPERSANT FOR PAPER AND PAPERBOARD COATINGS", Rohm and Haas Company, Special Polymers  |
|                   | "ACUMER® 9300 – DISPERSANT FOR PAPER AND PAPERBOARD COATINGS", Rohm and Haas Company, Special Polymers  |
|                   | GEORGE M. KUTCHER, JR., CDT, CSI, "REVISITING THE LEVELS OF GYPSUM BOARD FINISH", National Gypsum Company, pp. 1-3  |
|                   | Chemical Abstracts, Vol. 103, No. 8, 26 August 1985, Abstract No. 58270z, page 278; XP 000185205; Abstract of JP 60 065197.   |
|                   | Database WPI, Week 199727, AN 1997-293470, XP002198594, Abstract of JP 09 109131.   |
|                   | Derwent WPI AN 1997-109001, Week 199710, Abstract of WO 9702395.  |
|                   | Derwent WPI AN 1989-016493, Week 198903, English Abstract of DE 3721668.  |
|                   | Derwent WPI AN 1993-002309, Week 199301, English Abstract of EP 0521804.  |
|                   | Copy of New Zealand Opposition Paper in Patent No. 527112 dated 12/18/2006.   |
| ↓                 | Decision, June 14, 2005, Appeal No. T 1032/03-3.2.3, and translation thereof.   |

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